

IN THE CLAIMS

Please cancel claims 1-33, 38-43, and 48-63.

1-33 cancelled

34. (original) A method comprising:

providing a shape-memory spring, a pin with a projection, a member with a guide slot, and a return spring; heating the spring;

urging of the pin by the spring toward a first position;

cooling of said spring after said urging; and

supporting the pin by the projection within a rest of the guide slot.

35. (original) The method of claim 34 wherein said providing includes a second spring, and which further comprises urging of the pin by the second spring toward the rest during said supporting.

36. (original) The method of claim 34 which further comprises:

heating said spring after said supporting;

a second urging of the pin by the spring such that the projection moves away from the rest.

37. (original) The method of claim 36 which further comprises:

cooling after said second urging;

supporting the pin at a second position, the second position being different than the first position.

38-43 cancelled

44. (original) A method comprising:

providing a coil spring with a first outer diameter and a first length fabricated from a shape memory material;

providing a member defining a chamber with an inner diameter and a length, the chamber length being greater than the length of the spring and the chamber inner diameter being greater than the outer diameter of the spring;

placing the spring in the chamber;

heating the chamber and spring to more than about 400 degrees C. and less than about 600 degrees C. for a period of more than about two minutes; and

permitting the spring outer diameter to grow to the inner diameter of the chamber, and permitting the spring length to grow to the length of the chamber.

45. (original) The method of claim 44 which further comprises:

heating the chamber and spring after said permitting to more than about 900 degrees C. for a period of less than about ten seconds; and

quenching the chamber and spring in water.

46. (original) The method of claim 44 which further comprises:

removing the spring from the chamber after said permitting;

putting the spring in a fuel rich flame for more than about one second and less than about five seconds, said putting being after said removing.

47. (original) The method of claim 46 which further comprises quenching the spring in water after said putting.

48-63 cancelled